Setting up the FSE Capstone Project End-to-end Demo Application

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What you'll need:
- ProjectAssets\e2e-demo.zip
- a newsapi.org apiKey

Start up the demo:
- copy e2e-demo.zip into C:\ProjectWork directory
- right click on the zip file and choose: "Extract All"
- when the dialog appears, keep default settings and click on "Extract"

// Start mongodb
- open a command prompt
- navigate to ProjectWork\e2e-demo
- execute: npm run mongodb
- If you get an error trying to start mongodb then check the path to its executable
in the package.json and adjust it if needed to represent the location of the
executable on your current system.
- If this is the very first time mongodb has been started it may ask you to create
the directory structure C:\data\db. Just go ahead and create those directories and
then try starting mongodb again.

// Start mongo shell
- open a second command prompt
- navigate to ProjectWork\e2e-demo
- execute: npm run mongosh

// import user records
- at the mongo shell prompt...
- execute these statements one at a time:
use usersdb;
db.users.insertOne({"id": 0, "user": "admin", "email": "admin@abc.com", "password": "admin" });
db.users.insertOne({"id": 1, "user": "guest", "email": "guest@abc.com", "password": "guest" });
db.users.find({});

> two records should be returned

// start back-end server
- open a third command prompt
- navigate to ProjectWork\e2e-demo
- execute: npm install
- set the API_KEY environment variable: set API_KEY=your-api-key
  ( replace your-api-key with the one you got after registering with newsapi.org )
  ( for powershell use this instead: $Env:API_KEY = "your-api-key" )
- execute: npm run back-end

// start front-end react application
- open a fourth command prompt
- navigate to ProjectWork\e2e-demo
- execute: npm run front-end
- Open the following URL in a browser:
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http://localhost:3010/

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// check that the application is working
Click on one of the saved queries,
articles should appear in the articles list
For full-functionality, login as admin/admin
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